

US-PAT-NO: 5906734

DOCUMENT-IDENTIFIER: US 5906734 A

TITLE: Passivated porous polymer supports and methods for
the preparation and
use of same

DATE-ISSUED: May 25, 1999

US-CL-CURRENT: 210/198.2; 210/502.1 ; 210/635 ; 210/656 ;
502/402

APPL-NO: 08/ 858924

DATE FILED: May 19, 1997

PARENT-CASE:

This application is a continuation-in-part of application
Ser. No. 08/394,014
filed on Feb. 22, 1995, now abandoned, which is a
continuation-in-part of
application Ser. No. 08/254,625, filed Jun. 6, 1994, now
U.S. Pat. No.
5,445,732, which is a continuation of application Ser. No.
07/955,935, filed
Oct. 5, 1992, now abandoned, which is a
continuation-in-part of application
Ser. No. 07/901,326, filed Jun. 19, 1992, now abandoned.

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Detailed Description Text - DETX:

In another embodiment, the polymerization step can take
place in the presence
of a pore inducer. The pore inducers of the present
invention allow
polymerization to take place without substantially reducing
the porosity of the
solid support. Suitable pore inducers, also referred to as
porogens, used in
the present invention include but are not limited to

polyethylene glycols,
polyoxyethylenes, polysaccharides such as dextran, and
polar solvents. Polar
solvents include those commonly used in chemical synthesis
or polymer chemistry
and known to those skilled in the art. Suitable polar
solvents include
alcohols, ketones, tetrahydrofuran, dimethylformamide, and
dimethylsulfoxide.
Preferred polar solvents are ethanol, methanol, dioxane,
and dimethylsulfoxide.